

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 278  | channel near (qualit\$3 condition indication information) same assign\$3 same (transmit\$4 transmission) same encod\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/24 15:24 |
| L2    | 29   | channel near (qualit\$3 condition indication information) same assign\$3 same (transmit\$4 transmission) same encod\$3 and systematic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/24 15:57 |
| L3    | 30   | channel near (qualit\$3 condition indication information) same assign\$3 same (transmit\$4 transmission) same encod\$3 same (information near (data symbol) data adj symbol)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/24 16:01 |
| L4    | 21   | channel near (qualit\$3 condition indication information) same assign\$3 same (transmit\$4 transmission) same encod\$3 same (information near (data symbol) data adj symbol) not l2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/24 16:01 |
| L5    | 1    | (US-20030072283-\$).did.  | US-PGPUB  | OR               | ON      | 2007/03/24 16:54 |
| L6    | 1    | I5 and MIMO   | US-PGPUB  | OR               | ON      | 2007/03/24 16:56 |
| L7    | 0    | I5 and energy   | US-PGPUB  | OR               | ON      | 2007/03/24 16:57 |
| L8    | 0    | I5 and turbo  | US-PGPUB  | OR               | ON      | 2007/03/24 16:57 |
| L9    | 1    | I5 and parity   | US-PGPUB  | OR               | ON      | 2007/03/24 16:58 |
| L10   | 0    | I5 and "ev-dx"  | US-PGPUB  | OR               | ON      | 2007/03/24 17:00 |
| L11   | 0    | "ev-dx"   | US-PGPUB  | OR               | ON      | 2007/03/24 17:00 |
| L12   | 0    | ev-dx   | US-PGPUB  | OR               | ON      | 2007/03/24 17:00 |
| L13   | 179  | "EV-DV"   | US-PGPUB  | OR               | ON      | 2007/03/24 17:01 |
| L14   | 0    | "EV-DV" and I5  | US-PGPUB  | OR               | ON      | 2007/03/24 17:00 |
| L15   | 1    | I13 and I1  | US-PGPUB  | OR               | ON      | 2007/03/24 17:01 |
| S1    | 850  | 375/267.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/24 15:21 |

## EAST Search History

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|----|-----|--|---|----|----|------------------|
| S2 | 412 | 455/132.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 22:11 |
| S3 | 78  | (second multiple plurality) adj<br>antenna same channel near<br>(qualit\$3 condition) and encod\$3               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 22:43 |
| S4 | 8   | (second multiple plurality) adj<br>antenna same channel near<br>(qualit\$3 condition) and encod\$3<br>and parity | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 22:59 |
| S5 | 359 | "1xEV-DV" "1x EV-DV"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 23:00 |
| S6 | 349 | "1xEV-DV" "1x EV-DV" and cdma  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 23:00 |
| S7 | 331 | "1xEV-DV" "1x EV-DV" and cdma<br>and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 23:00 |
| S8 | 331 | "1xEV-DV" "1x EV-DV" and cdma<br>and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 23:00 |
| S9 | 5   | ("1xEV-DV" "1x EV-DV") and cdma<br>and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/10 23:07 |

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|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S10 | 25 | S3 and energy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/10 23:08 |
| S11 | 13 | S3 and energy with channel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/10 23:08 |
| S12 | 2  | ("20030148770").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/10 23:22 |
| S13 | 2  | ("20030148770").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/11 10:33 |
| S14 | 4  | (US-20030148770-\$).did. or<br>(US-7016658-\$ or US-6185266-\$).<br>did. or (US-20040165676-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON  | 2006/04/11 10:38 |
| S15 | 1  | S14 and MIMO   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/11 10:47 |
| S16 | 1  | S14 and index  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/11 10:47 |

# EAST Search History

|   |     |  |                    |    |    |                  |
|---|-----|--|--------------------|----|----|------------------|
| S17   | 297 | (US-20010015994-\$ or<br>US-20010033614-\$ or<br>US-20010045914-\$ or<br>US-20010047424-\$).did. or<br>(US-5774795-\$ or US-6020845-\$ or<br>US-4845504-\$ or US-5379042-\$ or<br>US-5426690-\$ or US-5444737-\$ or<br>US-5493583-\$ or US-5533056-\$ or<br>US-5550865-\$ or US-5572216-\$ or<br>US-5581707-\$ or US-5715516-\$ or<br>US-5901185-\$ or US-5907544-\$ or<br>US-6128276-\$ or US-4063038-\$ or<br>US-4325141-\$ or US-4347514-\$ or<br>US-4465985-\$ or US-4542532-\$ or<br>US-4578675-\$ or US-4584709-\$ or<br>US-4630243-\$ or US-4896161-\$ or<br>US-4949299-\$ or US-4954829-\$).<br>did. or (US-4979170-\$ or<br>US-5203018-\$ or US-5208829-\$ or<br>US-5212689-\$ or US-5231646-\$ or<br>US-5287112-\$ or US-5307349-\$ or<br>US-5309479-\$ or US-5327143-\$ or<br>US-5335107-\$ or US-5337316-\$ or<br>US-5339184-\$ or US-5342408-\$ or<br>US-5355529-\$ or US-5357558-\$ or<br>US-5363402-\$ or US-5374930-\$ or<br>US-5375163-\$ or US-5379320-\$ or<br>US-5423084-\$ or US-5424859-\$ or<br>US-5425032-\$ or US-5461385-\$ or<br>US-5463656-\$ or US-5467199-\$ or<br>US-5473601-\$ or US-5481571-\$).<br>did. or (US-5485464-\$ or<br>US-5515378-\$ or US-5525991-\$ or<br>US-5530358-\$ or US-5532686-\$ or<br>US-5533029-\$ or US-5535423-\$ or<br>US-5541604-\$ or US-5544222-\$ or<br>US-5564069-\$ or US-5590395-\$ or<br>US-5615222-\$ or US-5614914-\$ or<br>US-5625624-\$ or US-5628052-\$ or<br>US-5642353-\$ or US-5646635-\$ or<br>US-5651638-\$ or US-5652764-\$ or<br>US-5663990-\$ or US-5669067-\$ or<br>US-5684489-\$ or US-5694139-\$ or<br>US-5701121-\$ or US-5727230-\$ or<br>US-5729549-\$ or US-5737325-\$).<br>did. or (US-5742583-\$ or<br>US-5748676-\$ or US-5774788-\$ or<br>US-5781538-\$ or US-5794141-\$ or<br>US-5797082-\$ or US-5806001-\$ or<br>US-5809426-\$ or US-5815115-\$ or<br>US-5819182-\$ or US-5822324-\$ or<br>US-5828341-\$ or US-5832389-\$ or<br>US-5859879-\$ or US-5859870-\$ or<br>US-5859842-\$ or US-5862456-\$ or<br>US-5884187-\$ or US-5896425-\$ or<br>US-5906337-\$ or US-5913151-\$ or<br>US-5914946-\$ or US-5917447-\$ or<br>US-5930248-\$ or US-5930245-\$ or<br>US-5930680-\$ or US-5930700-\$) | US-PGPUB;<br>USPAT | OR | ON | 2006/10/13 18:53 |
| 3/24/2007 5:31:22 PM C:\Documents and Settings\erle\My Documents\EAST\Workspaces\10669128.wsp |     |  |                    |    |    |                  |
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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S18 | 74  | S17 AND ASSIGN\$3 AND WEIGHT\$3  | US-PGPUB;<br>USPAT  | OR | ON | 2006/10/13 18:55 |
| S19 | 985 | 375/267.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/13 19:08 |
| S20 | 440 | "1xEV-DV" "1x EV-DV"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/13 19:08 |
| S21 | 97  | (second multiple plurality) adj<br>antenna same channel near<br>(qualit\$3 condition) and encod\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/13 19:08 |
| S22 | 32  | S21 and energy   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/13 19:08 |